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Serial Number: **10/686,481**

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Inventor Information for 10/686481

Inventor Name	City	State/Country
HIROTA, HISATOSHI	TOKYO	JAPAN
KAJIWARA, MORIMITSU	TOKYO	JAPAN

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1	US 7047763 B2	20060523	Constant differential pressure valve	62/527	251/129.15	Hirota; Hisatoshi
1	US 7040595 B2	20060509	Constant flow rate expansion valve	251/129.07		Hirota; Hisatoshi
1	US 7036744 B2	20060502	Solenoid valve- equipped expansion valve	236/92B	251/129.15; 62/225	Hirota; Hisatoshi
1	US 7021901 B2	20060404	Variable displacement compressor	417/222.2		Hirota; Hisatoshi et al.
1	US 7018179 B2	20060328	Capacity control valve for variable displacement compressor	417/222.2		Hirota; Hisatoshi
1	US 7014427 B1	20060321	Capacity controller of capacity variable compressor	417/218	137/625.64; 417/212	Hirota; Hisatoshi
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1	US 6966365 B2	20051122	Outflow prevention device	165/286	137/115.05; 137/599.14; 62/197	Hirota; Hisatoshi et al.
1	US 6957663 B2	20051025	Solenoid control valve	137/613	137/491; 251/129.08; 251/129.18; 251/30.01	Hirota; Hisatoshi et al.
1	US	20050510	Method of	73/719	73/720;	Hirota;

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1	US 6866242 B2	20050315	Proportional valve	251/129.07	251/129.17	Hirota; Hisatoshi
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1	US 6543672 B2	20030408	Method of forming vacuum chamber of control valve for variable capacity compressor	228/175	228/124.6; 228/177; 228/218; 228/226; 29/888.02; 29/888.044; 73/754	Hirota; Hisatoshi et al.
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1	US 6520419 B2	20030218	Supercooling degree control type expansion valve	236/92B	137/513.5	Hirota; Hisatoshi et al.
1	US 6484950 B2	20021126	Expansion valve	236/92B	137/315.11; 137/454.2; 62/225; 62/299	Hirota; Hisatoshi et al.
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1	US 6443708 B1	20020903	Compression volume control apparatus for refrigeration cycle	417/222.2		Hirota; Hisatoshi
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1	US	20011113	Pilot-	251/30.01	251/33	Hirota;

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1	US	19991207	Air	62/324.6	137/597;	Hirota;

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1	US 5702235 A	19971230	Capacity control device for valiable- capacity compressor	417/222.2	417/270; 91/505	Hirota; Hisatoshi et al.
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1	US 4593166 A	19860603	Dual action pressure switch	200/83J	200/81.4; 200/83P	Hirota; Hisatoshi et al.
1	US 4591677 A	19860527	Three- function pressure switch	200/83J	200/81.4; 200/83P	Hirota; Hisatoshi et al.